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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/049,315	02/08/2002	Yuji Sawada	56924 (70551)	3720
21874	7590	03/25/2005	EXAMINER	
EDWARDS & ANGELL, LLP P.O. BOX 55874 BOSTON, MA 02205			BURGE, LONDRA C	
			ART UNIT	PAPER NUMBER
			2178	

DATE MAILED: 03/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/049,315

Applicant(s)

SAWADA, YUJI

Examiner

Londra C Burge

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2/8/2002.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This action is responsive to communications: Original Application and IDS filed 2/8/2002.
2. Claims 1-22 are pending and claims 1, 8, 15, 17 and 18 are independent claims.
3. This action has been made Non-Final.

Information Disclosure Statement

4. The Information Disclosure Statement filed 2/8/2002 has been accepted by the examiner.

Drawings

5. The drawings filed 2/8/2002 have been accepted by the examiner.

Priority

6. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in parent Application No. 10/049,315 filed on 2/8/2002.

Claim Rejections - 35 USC § 103

7. **The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:**

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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Claim 1, 2, 5-9, 12-15, 17, 18, 20 and 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rubin et al. (herein after Rubin) U.S. Patent No. 6,820,111 B1 filed 12/7/1999 in view of Iwai et al. (herein after Iwai) U.S. Patent No. 5,367,623 filed 9/5/1991.

In regard to independent claim 1, Rubin discloses *said part data unit including display data divided into a plurality of regions with said first identifier added thereto* (Rubin Col 5 Lines 60-67, Col 6 Lines 1-30 and Figures 5-11 i.e. a user can select or identify a portion or region of a screen for view and this screen is displayed in regions as shown in Figures 5-11).

Rubin does not specifically disclose *electronic book contents comprising a body data unit and a part data unit, said body data unit including event data including a description for designating a display method and a first identifier for designating contents displayed on a display region*. However, Iwai discloses this process (Iwai Col 3 Lines 39-42 i.e. identifying input data to process for the electronic book). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Iwai to Rubin, providing Rubin the benefit of identifying the data to display in region of the electronic view, which will make viewing easy for the user and also enable a user to select a region first before invoking a formatting command to ensure the user can format the correct region that they select as taught by Rubin Col 6 Lines 23-30).

In regard to dependent claim 2, which depends on claim 1, Rubin discloses *wherein said event data includes a description for designating said display method for each page and said first identifier*. (Rubin Col 2 Lines 44-53 i.e. format depends on the characteristics of the document)

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In regard to dependent claim 5, which depends on claim 1, Rubin discloses *wherein said body data unit includes a plurality of event data corresponding to a plurality of display forms.* (Rubin Col 16 Lines 28-67 and Col 17 Lines 1-21 i.e. default built-in documents for the formatting of documents)

In regard to dependent claim 6, which depends on claim 1, Rubin discloses *wherein said electronic book contents comprise a plurality of body data units corresponding to types of electronic book display apparatuses.* (Rubin Col 16 Lines 28-67 and Col 17 Lines 1-21 i.e. default built-in documents types for the formatting of documents)

In regard to dependent claim 7, which depends on claim 1, Rubin discloses *wherein said body data unit further includes chapter structure information describing a chapter structure of a book, and said chapter structure information describes information for designating a method of controlling trial reading for each chapter.* (Rubin Col 18 Lines 18-30 i.e. sections or chapters used)

In regard to independent claim 8, claim 8 reflects similar subject matter claimed in claim 1 and is rejected along the same rationale.

In regard to dependent claim 9, which depends on claim 8, claim 9 reflects similar subject matter claimed in claim 2 and is rejected along the same rationale.

In regard to dependent claim 12, which depends on claim 8, claim 12 reflects similar subject matter claimed in claim 5 and is rejected along the same rationale.

In regard to dependent claim 13, which depends on claim 8, claim 13 reflects similar subject matter claimed in claim 6 and is rejected along the same rationale.

In regard to dependent claim 14, which depends on claim 8, claim 14 reflects similar subject matter claimed in claim 7 and is rejected along the same rationale.

In regard to independent claim 15, Rubin discloses *said part data unit including display data divided into a plurality of regions with said first identifier added thereto* (Rubin Figures 5-11) *an event reading unit reading said event data; an object reading unit referring to the first identifier in the event data read by said event reading unit to read the display data in said part data unit; and a display unit displaying the display data read by said object reading unit according to the description for designating the display region in the event data read by said event reading unit.* (Rubin Col 16 Lines 28-67 and Col 17 Lines 1-21 i.e. mentions information and documents that have been read by the user)

Rubin does not specifically disclose *electronic book contents comprising a body data unit and a part data unit, said body data unit including event data including a description for designating a display method and a first identifier for designating contents displayed on a display region.* However, Iwai discloses this process (Iwai Col 3 Lines 39-42 i.e. identifying input data to process for the electronic book). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Iwai to Rubin, providing Rubin the benefit of identifying the data to display in region of the electronic view, which will make viewing easy for the user.

In regard to independent claim 17, Rubin discloses *said part data unit including display data divided into a plurality of regions with said first identifier added thereto.* (Rubin Col 12 Lines 11-40) (Rubin Figures 5-11)

Rubin does not specifically disclose *an electronic book transmission apparatus transmitting electronic book contents including a body data unit and a part data unit, said body data unit including event data including a description for designating a display method and a first identifier for designating contents displayed on a display region*. However, Iwai discloses this process (Iwai Col 3 Lines 39-42 i.e. identifying input data to process for the electronic book). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Iwai to Rubin, providing Rubin the benefit of identifying the data to display in region of the electronic view, which will make viewing easy for the user.

In regard to independent claim 18, Rubin discloses *said part data unit including display data divided into a plurality of regions with said first identifier added thereto*. (Rubin Col 12 Lines 11-40) (Rubin Figures 5-11)

Rubin does not specifically disclose *said electronic book contents including a body data unit and a part data unit, said body data unit including event data including a description for designating a display method and a first identifier for designating contents displayed on a display region*. However, Iwai discloses this process (Iwai Col 3 Lines 39-42 i.e. identifying input data to process for the electronic book). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Iwai to Rubin, providing Rubin the benefit of identifying the data to display in region of the electronic view, which will make viewing easy for the user.

In regard to dependent claim 20, which depends on claim 5, Rubin discloses *wherein said plurality of event data include at least a double-page spread display-dedicated event, a single page display-dedicated event and an event executable for both a double-page spread*

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display and a single page display. (Rubin Col 6 Lines 1-6 i.e. display side-by-side pages like a book as well as single pages)

In regard to dependent claim 22, which depends on claim 12, claim 22 reflects similar subject matter claimed in claim 20 and is rejected along the same rationale.

9. **Claims 3, 10, 16, 19 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rubin et al. (herein after Rubin) U.S. Patent No. 6,820,111 B1 filed 12/7/1999 in view of Iwai et al. (herein after Iwai) U.S. Patent No. 5,367,623 filed 9/5/1991 as applied to claim 1 and in further view of Tonomura et al. (hereinafter Tonomura) U.S. Patent No. 6,571,054 B1 filed 11/9/1998.**

In regard to dependent claim 3, which depends on claim 1, Rubin does not specifically disclose *wherein said event data further includes a second identifier for designating sound data to be reproduced, and said part data unit further includes the sound data divided into a plurality of regions with said second identifier added thereto.* However, Tonomura mentions the sound and speech can be accompanied in the document (Tonomura Col 8 Lines 19-32). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Tonomura to Rubin, providing Rubin the benefit of including sound data in the dividing process, which would ensure that sound associated with the data is correctly divided.

In regard to dependent claim 10, which depends on claim 8, claim 10 reflects similar subject matter claimed in claim 3 and is rejected along the same rationale.

In regard to dependent claim 16, which depends on claim 15, Rubin does not specifically disclose *said event data further includes a second identifier for designating sound data to be reproduced, said part data unit further includes the sound data divided into a plurality of regions with said second identifier added thereto, and said electronic book display apparatus further comprises: a sound object reading unit referring to the second identifier in the event data read by said event reading unit to read the sound data in said part data unit; and a reproduction unit reproducing the sound data read by said sound object reading unit.* However, Tonomura mentions the sound and speech can be accompanied in the document the is read by the user (Tonomura Col 8 Lines 19-32). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Tonomura to Rubin, providing Rubin the benefit of including sound data in the dividing process, which would ensure that sound associated with the data in correctly divided.

In regard to dependent claim 19, which depends on claim 3, Rubin discloses *data includes information for designating a trail reading control method.* (Rubin Col 16 Lines 28-67 and Col 17 Lines 1-21 i.e. mentions information and documents that have been read by the user)

Rubin does not specifically disclose wherein each of said display data and sound. However, Tonomura mentions the sound and speech can be accompanied in the document and is read by the user (Tonomura Col 8 Lines 19-32). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Tonomura to Rubin, providing Rubin the benefit of including sound data in the dividing process, which would ensure that sound associated with the data in correctly divided.

In regard to dependent claim 21, which depends on claim 10, claim 21 reflects similar subject matter claimed in claim 19 and is rejected along the same rationale.

10. Claims 4 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rubin et al. (herein after Rubin) U.S. Patent No. 6,820,111 B1 filed 12/7/1999 in view of Iwai et al. (herein after Iwai) U.S. Patent No. 5,367,623 filed 9/5/1991 as applied to claim 1 and in further view of Tonomura et al. (hereinafter Tonomura) U.S. Patent No. 6,571,054 B1 filed 11/9/1998 and in further view of Shwarts et al. (herein after Shwarts) U.S. Patent No. 5,524,201 filed 11/4/2003.

In regard to dependent claim 4, which depends on claim 3, Rubin does not specifically disclose *wherein said display data includes text data and image data, and at least two types of copyright information are described for said text data, said image data and said sound data*. However, Shwarts mentions that copyrights can be used (Shwarts Col 2 Lines 20-45). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Shwarts to Rubin, providing Rubin the benefit of including copyright information to include in the process of dividing into regions, which would enhance the process.

In regard to dependent claim 11, which depends on claim 10, claim 11 reflects similar subject matter claimed in claim 4 and is rejected along the same rationale.

Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

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DeRose et al. U.S. Patent No. 6,105,044 issued 8/15/2000

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Londra C Burge whose telephone number is (571) 272-4122. The examiner can normally be reached on 8:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LCB
3/9/2005


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PRIMARY EXAMINER